- for Process simultaneously receiving different standards, thereby characterized,
  - that a superimposing of multiple various modulation types of the radio standard are carried out and,
  - that a separation of the same by a subsequent digital signal processing is carried out.
- Process according to Claim 1, thereby characterized, that the superimposing is carried out in two frequency ranges.
- Wherein Process according to Claim 1, thereby characterized, that a 3. superimposing of high frequency signals is carried out prior to the first mixing step.
- Process according to Claim 3, thereby characterized, that as local oscillators for the first mixing step the sum of the output of two narrow band oscillators is employed.
- Wherein
  Process according to Claim 3, thereby characterized, that each modulation type one filter and amplifier is employed.

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7. Process according to Claim 1, wherein characterized, that a superimposing of a CDMA-encoded and a OFDM-encoded signal is carried out.

8. Process according to one of the preceding claims, thereby characterized, that prior to decorrelation or demodulation, an A/D conversion is carried out.

all